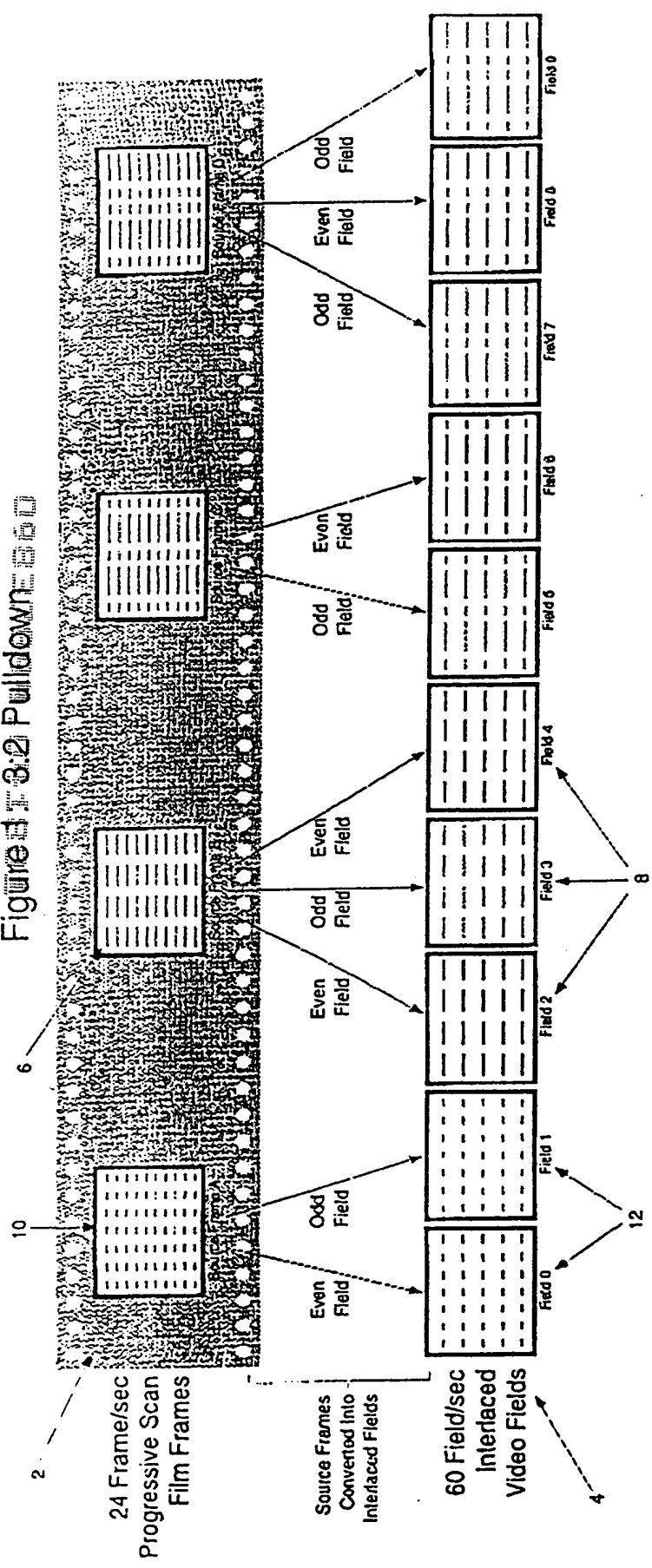
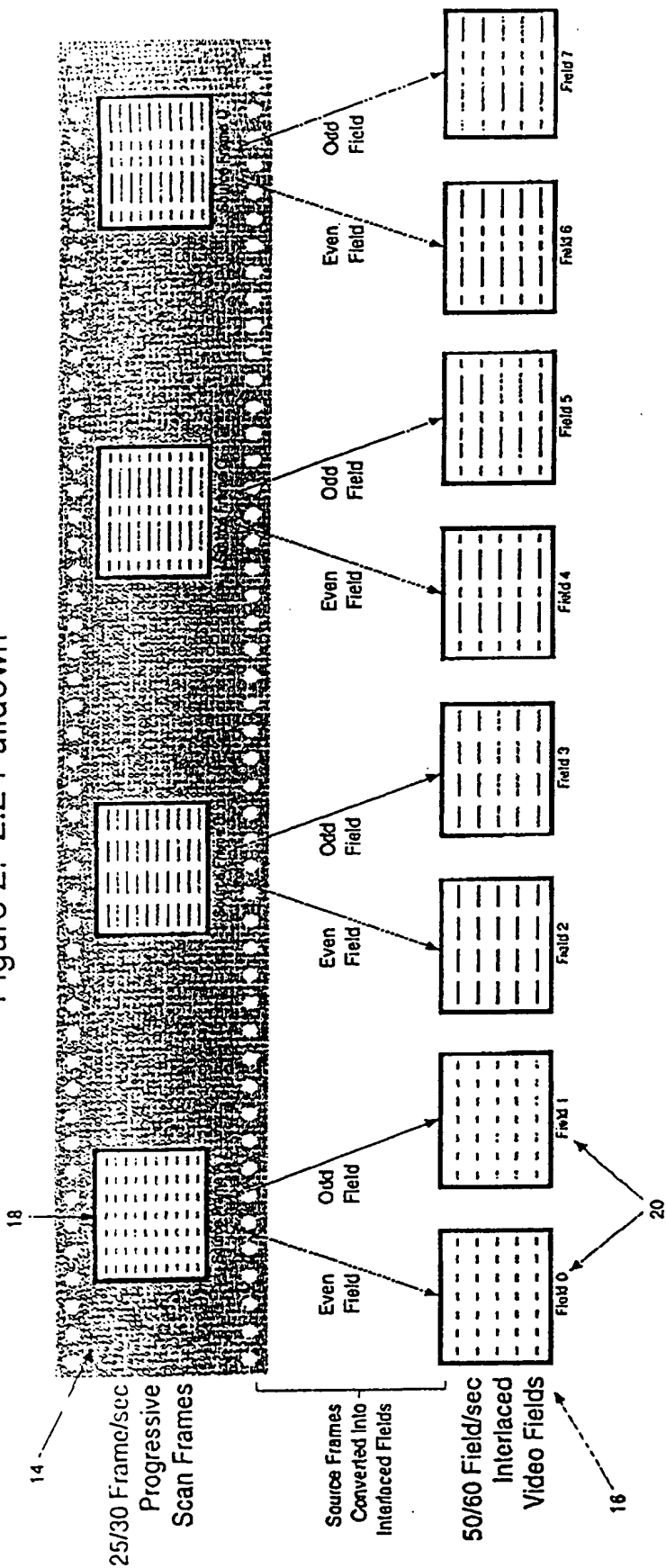


Figure 1 3:2 Pulldown 360



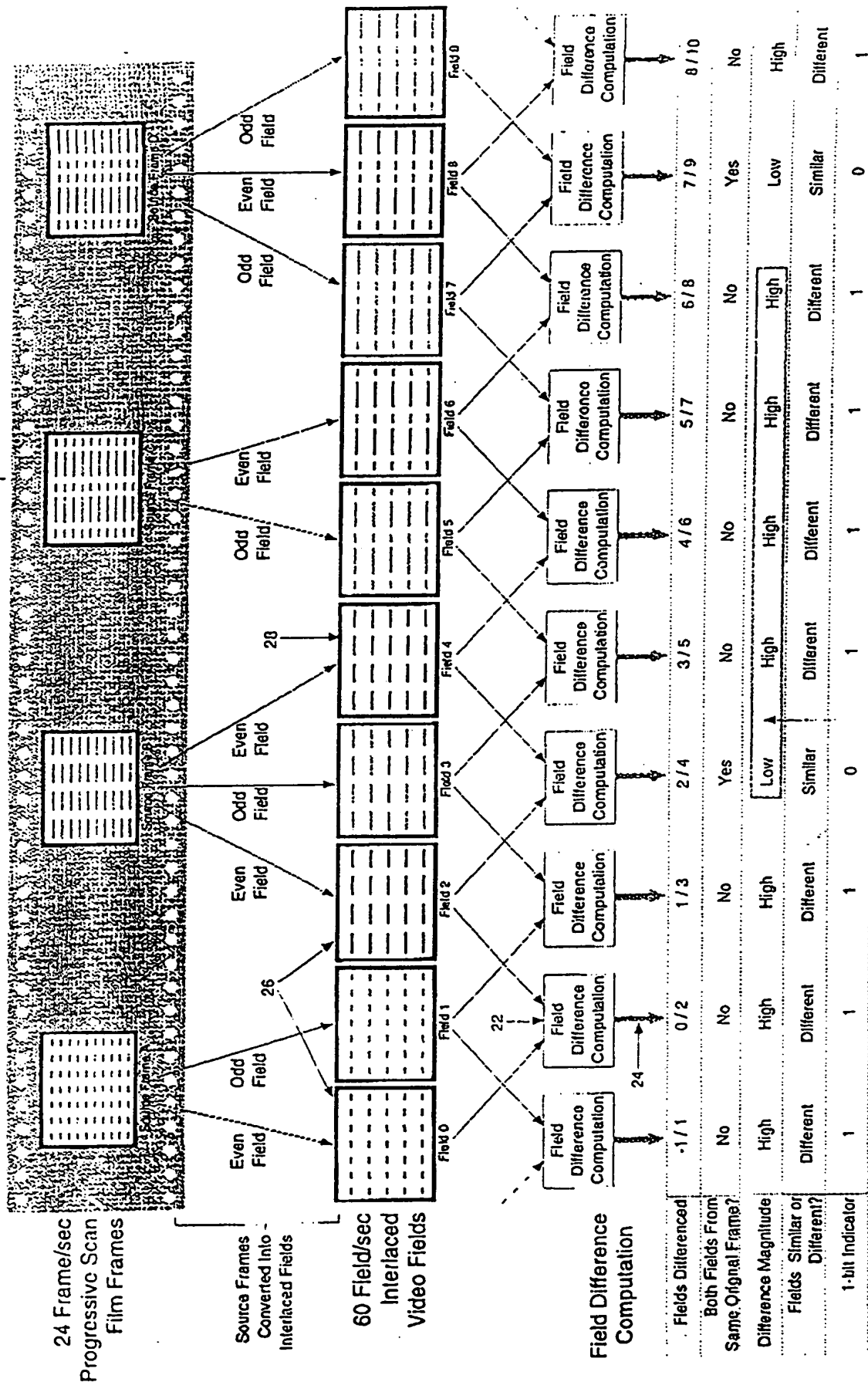
PRIOR ART

Figure 2: 2:2 Pulldown 3:3:3:3



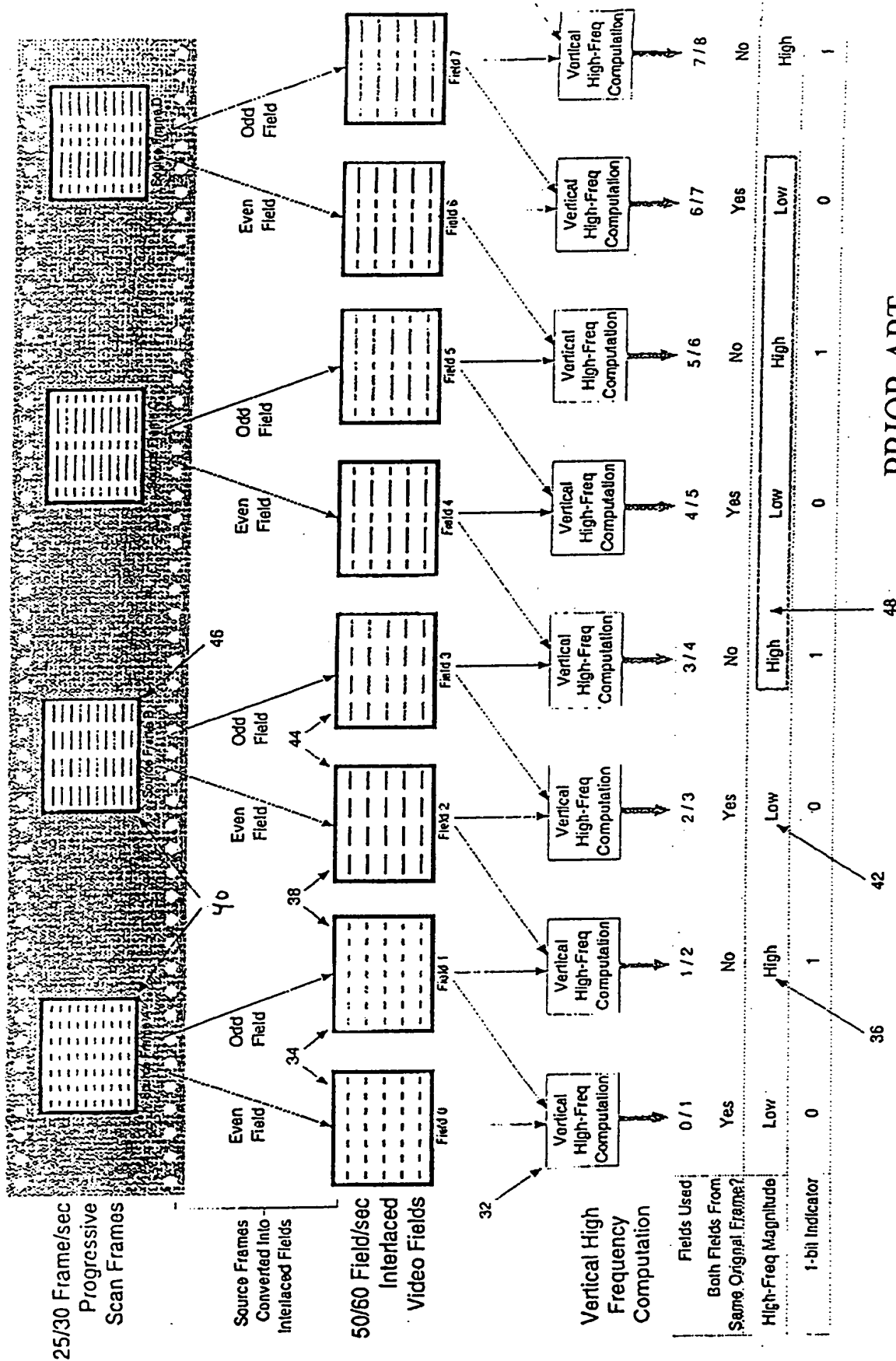
PRIOR ART

Figure 3: Even/Even & Odd/Odd Pair Field Differencing  
for 3:2 Pulldown Video Field Sequence



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Figure 4: Vertical High Frequency Detection Across Even/Odd Field Pairs  
for 2:2 Pulldown Video Field Sequence



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Figure 5: Fixed Threshold Example for High-Quality, Well-Behaved 3:2 Pulldown Source

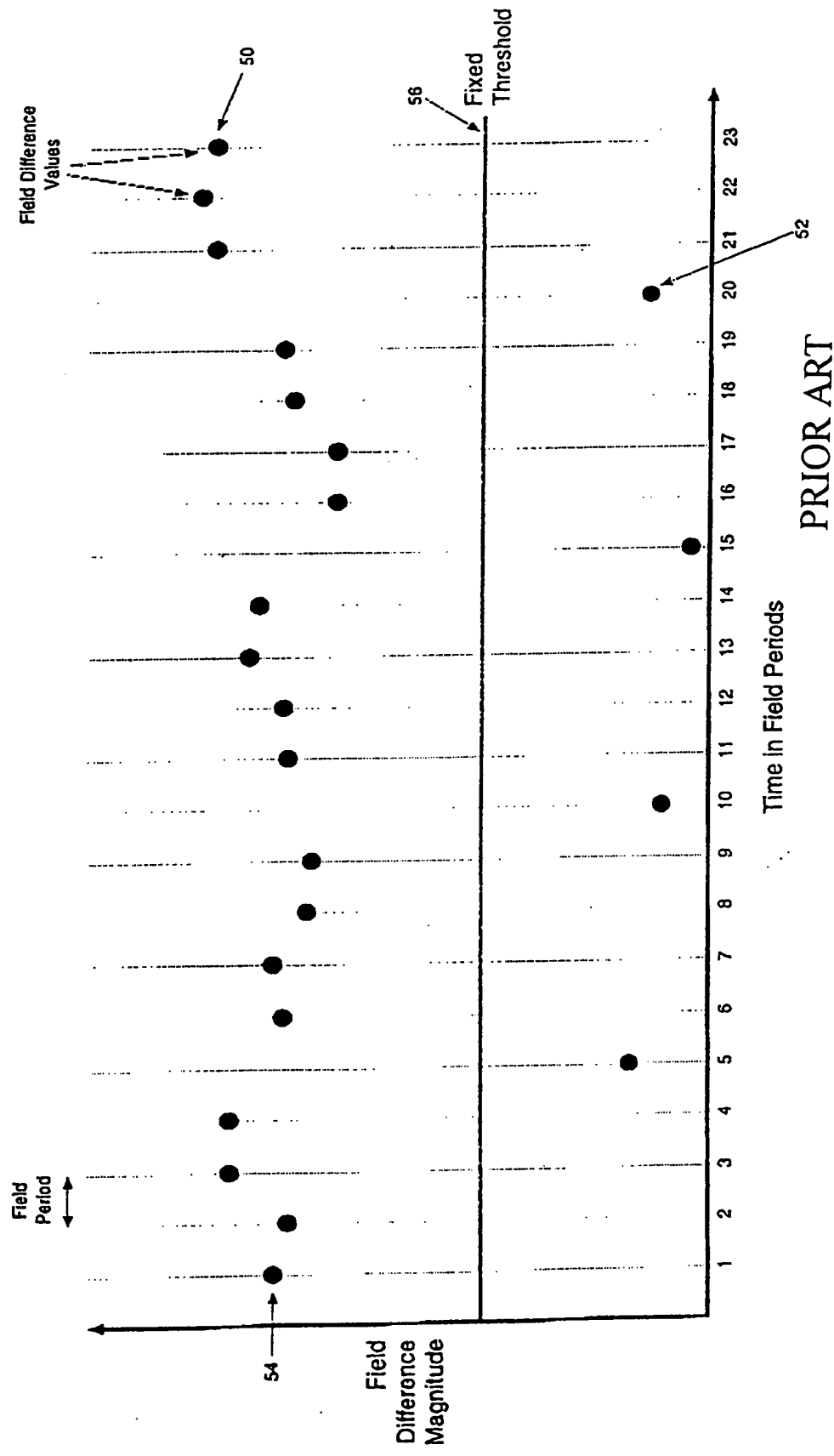


Figure 6: Fixed Threshold Example for  
Poor-Quality 3:2 Pulldown Source

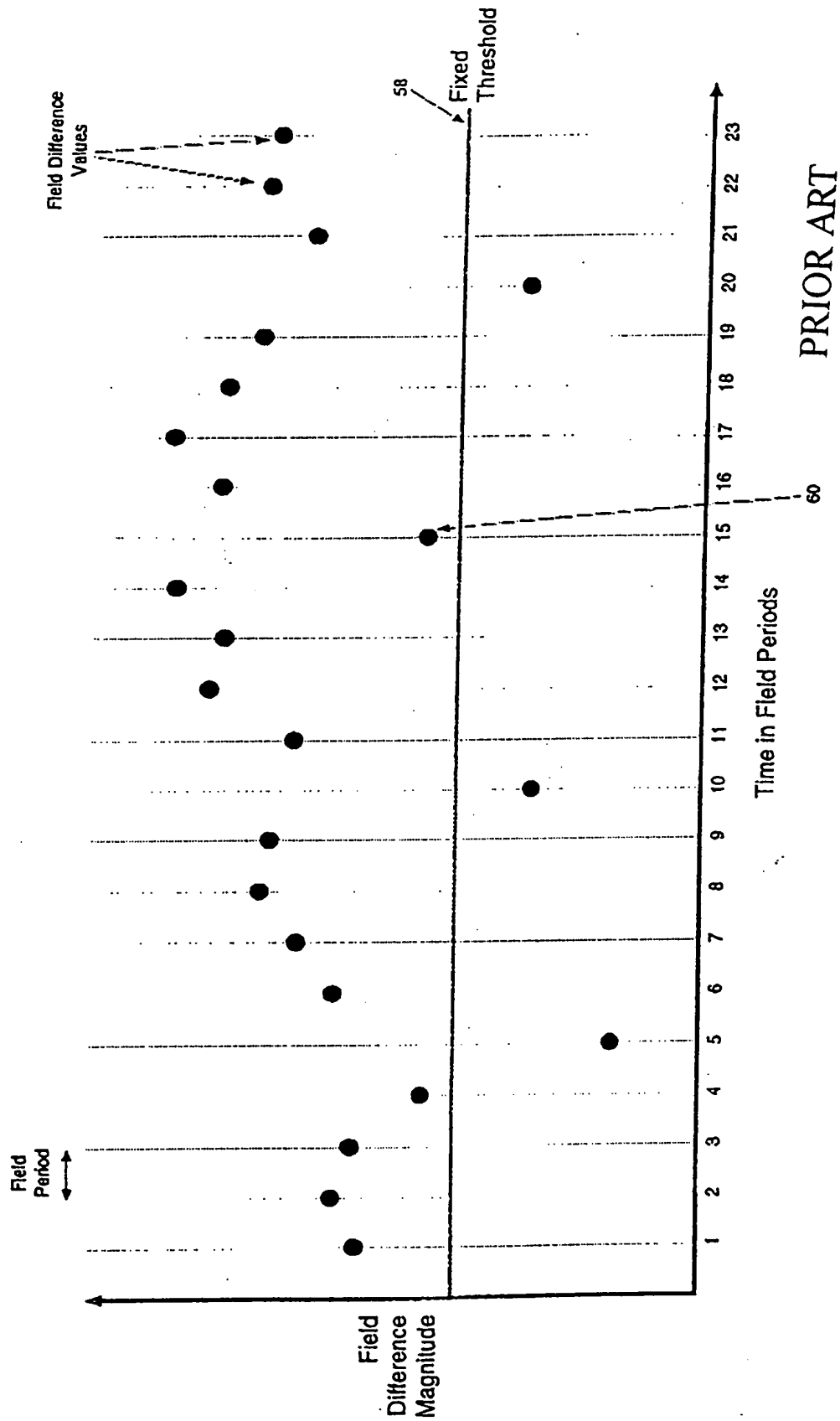


Figure 7: Adaptive-Threshold Progressive Source  
Detection Logic

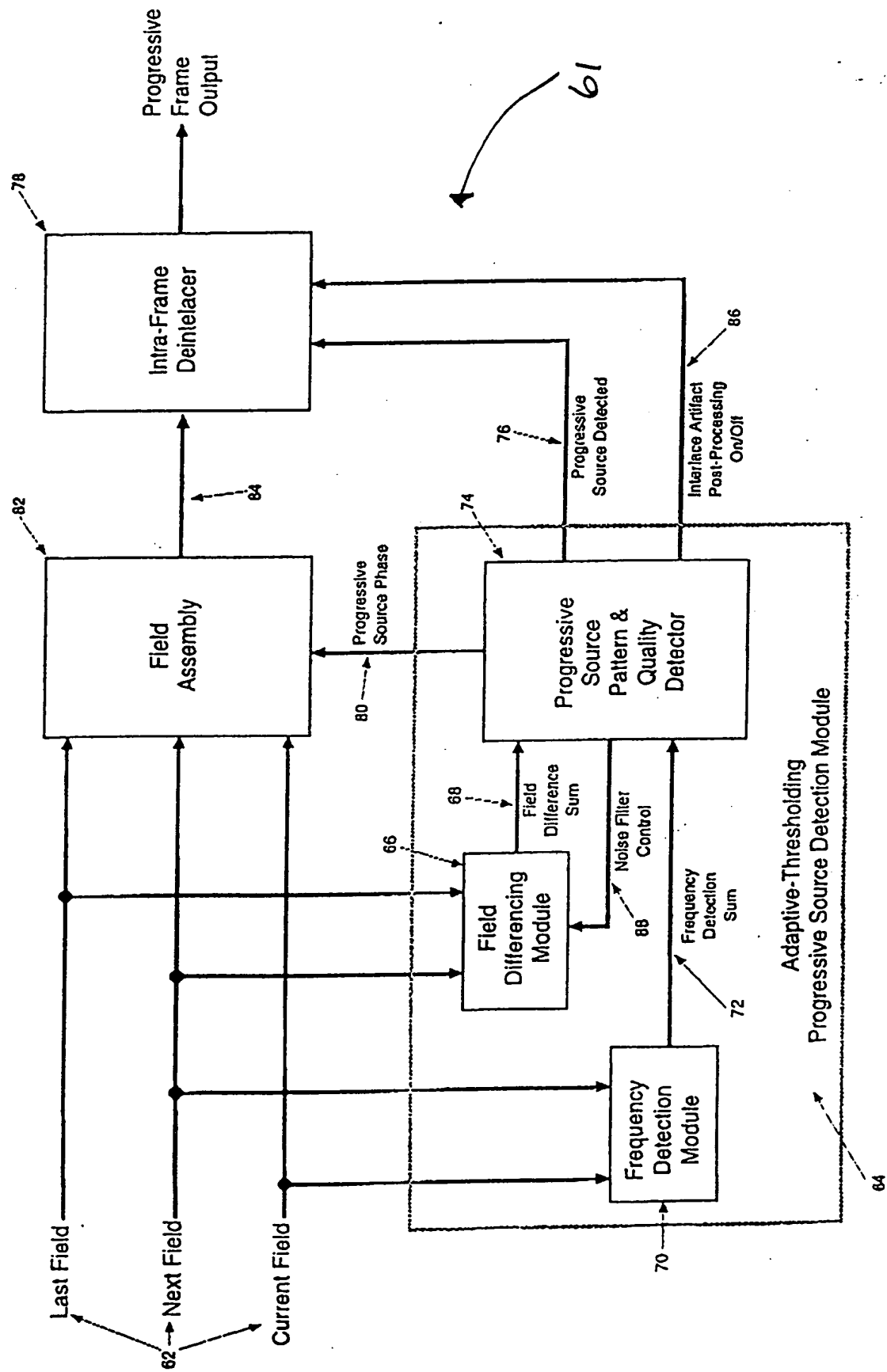


Figure 8: Even/Odd Pair Vertical High Frequency Detection for 3:2 Pulldown Video Field Sequence

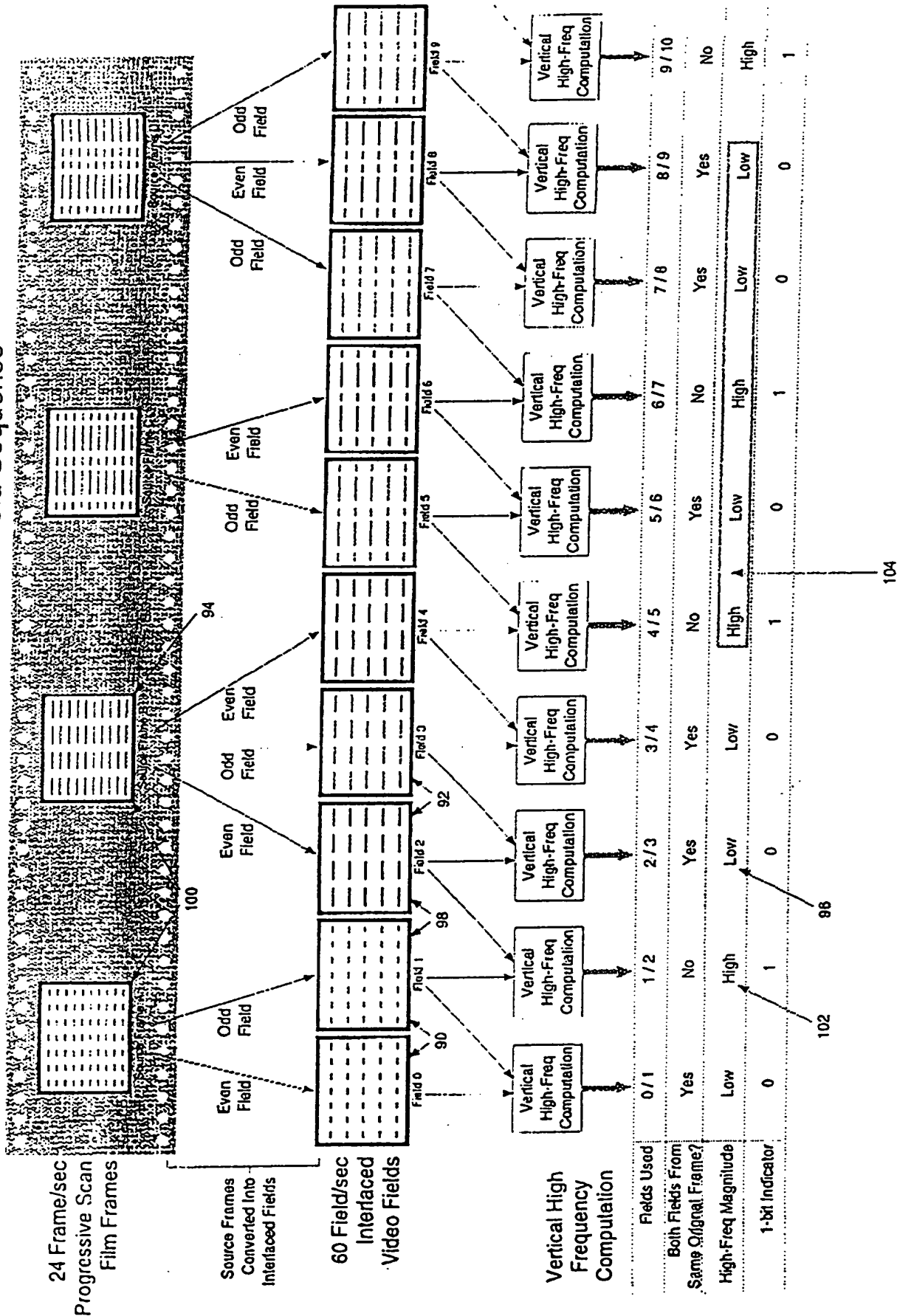




FIGURE 9: Adaptive Threshold Example  
for Poor-Quality 3:2 Pulldown Source

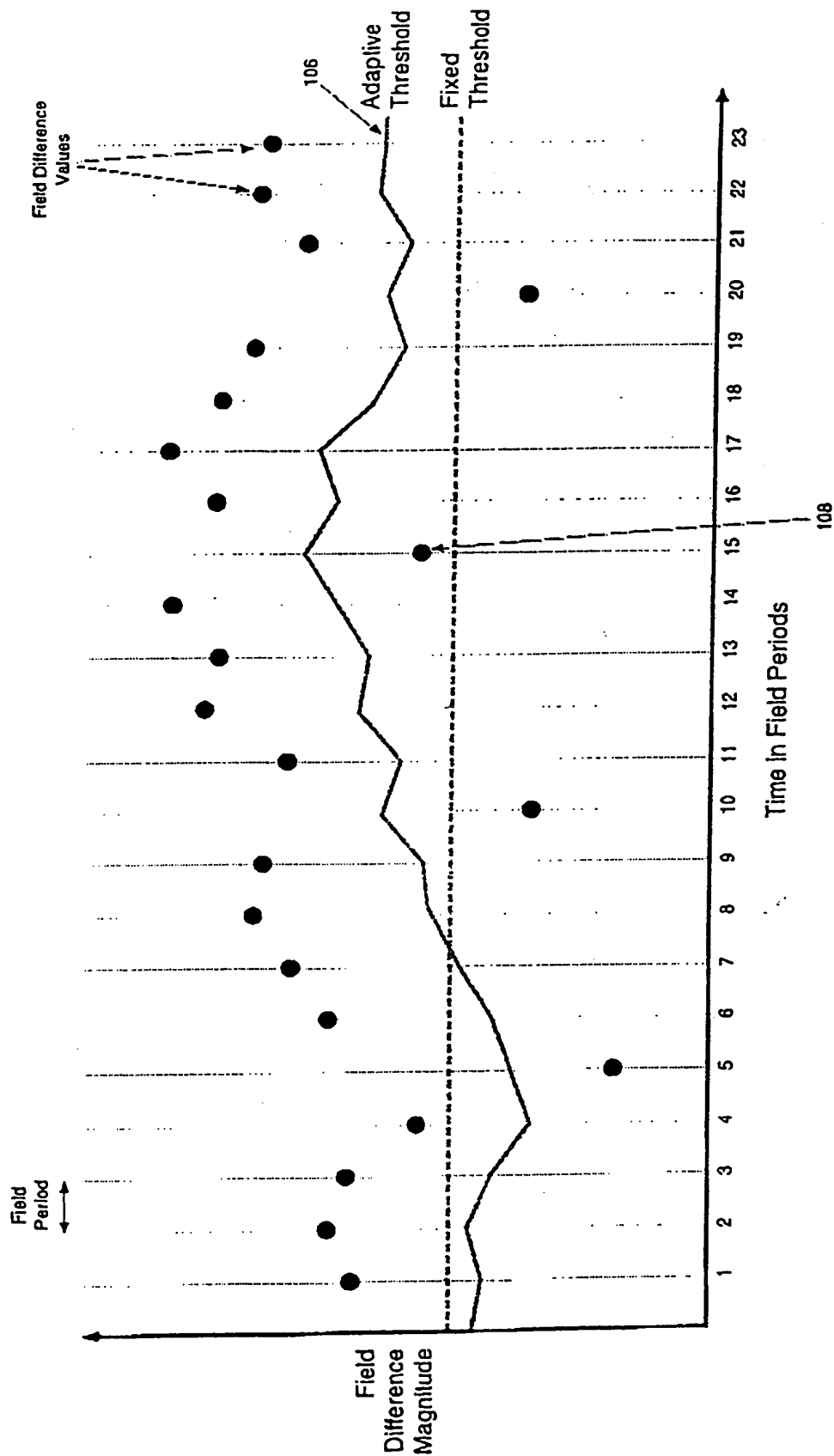


Figure 10: Even/Even & Odd/Odd Pair Field Differencing for 3:2 Pulldown Video Field Sequence With Pair Values

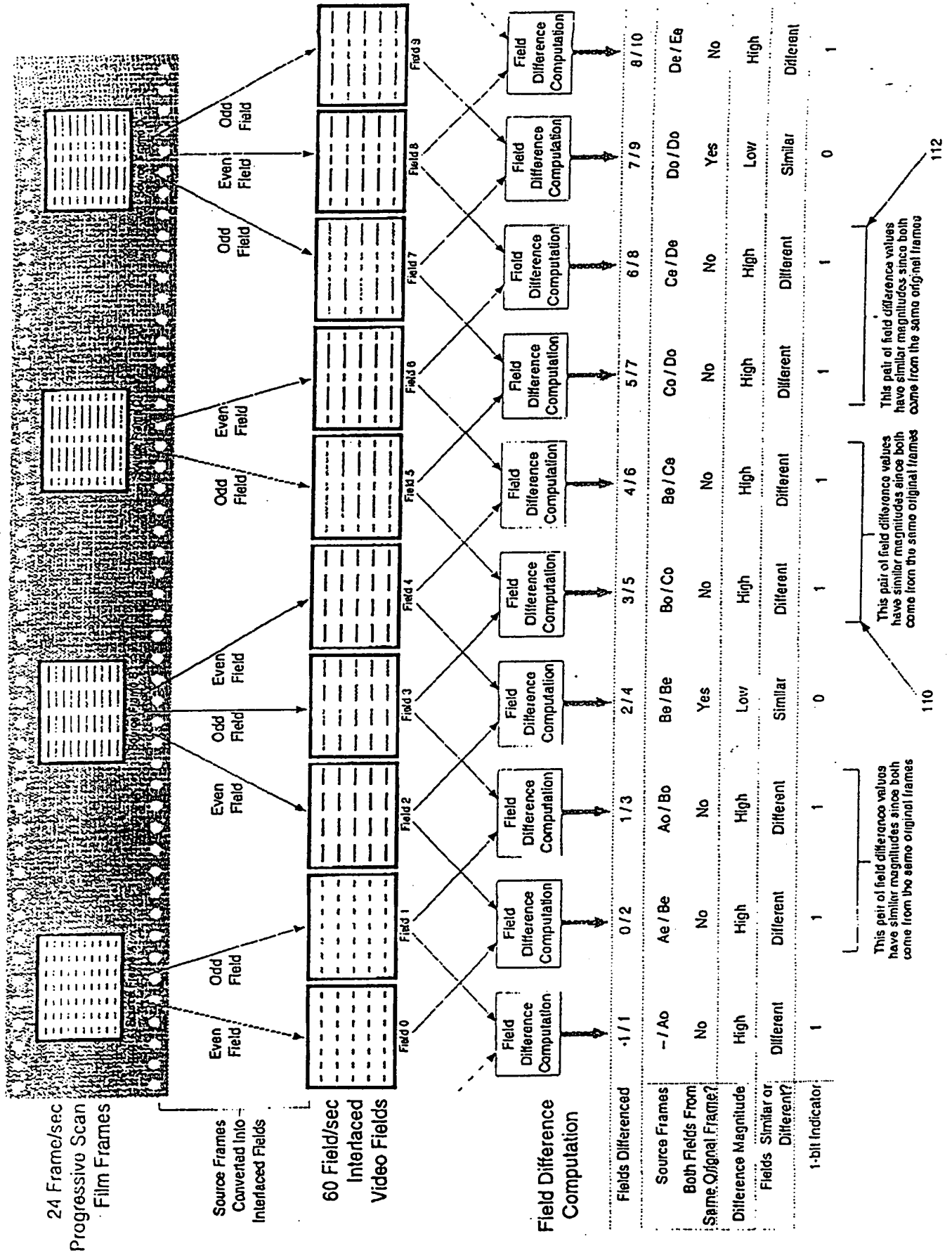
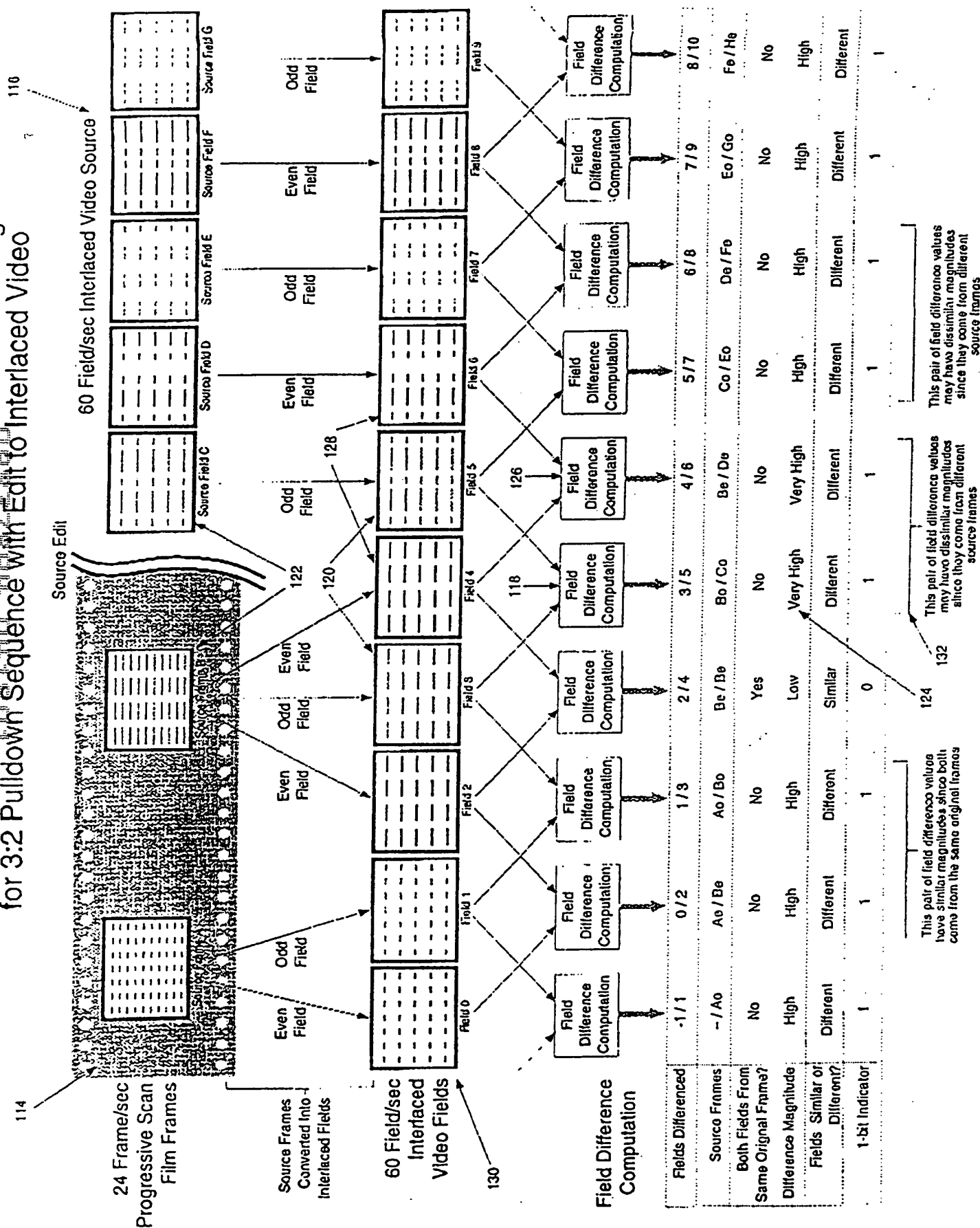


Figure 11: Even/Even & Odd/Odd Pair Field Differencing for 3:2 Pulldown Sequence with Edit to Interlaced Video



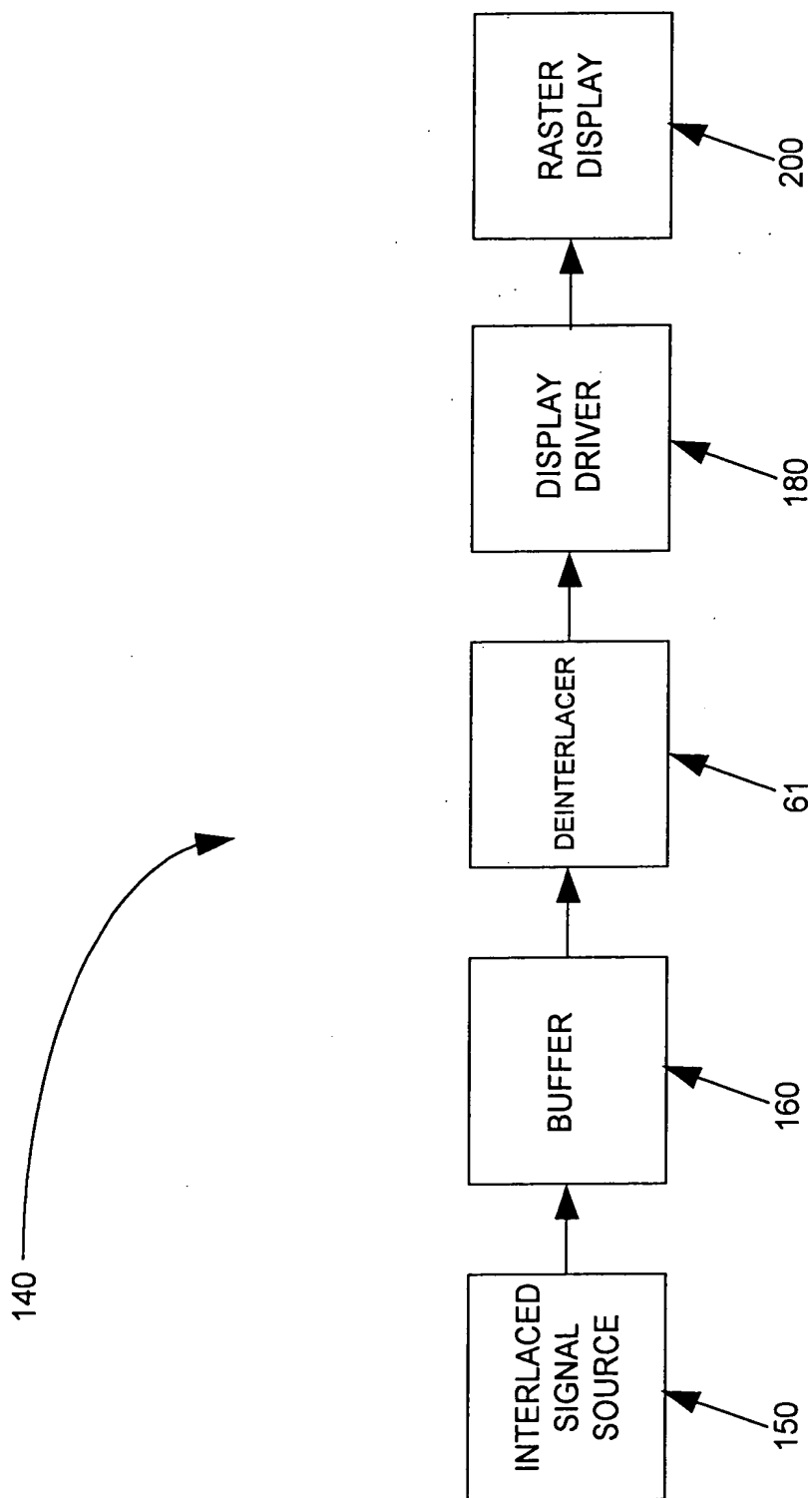


FIGURE 12